Electronic Supplementary Information

Graphene-mediated surface enhanced Raman scattering in silica mesoporous nanocomposite films

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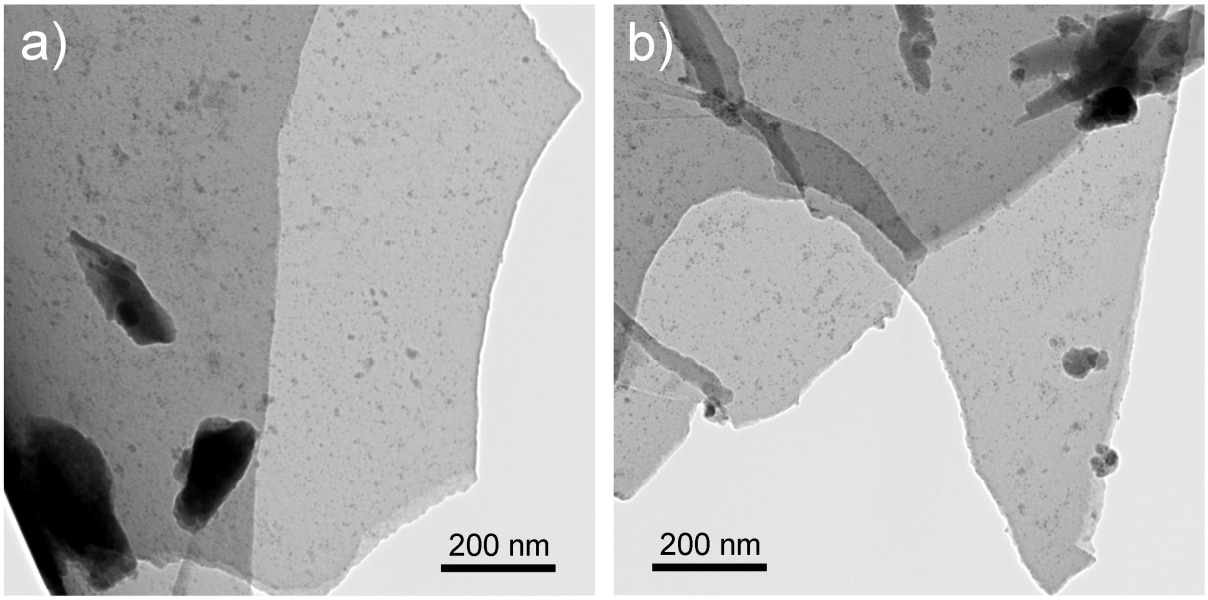

Figure S1.Bright field TEM images of graphene bi-layer with gold nanoparticles nucleated on the surface.

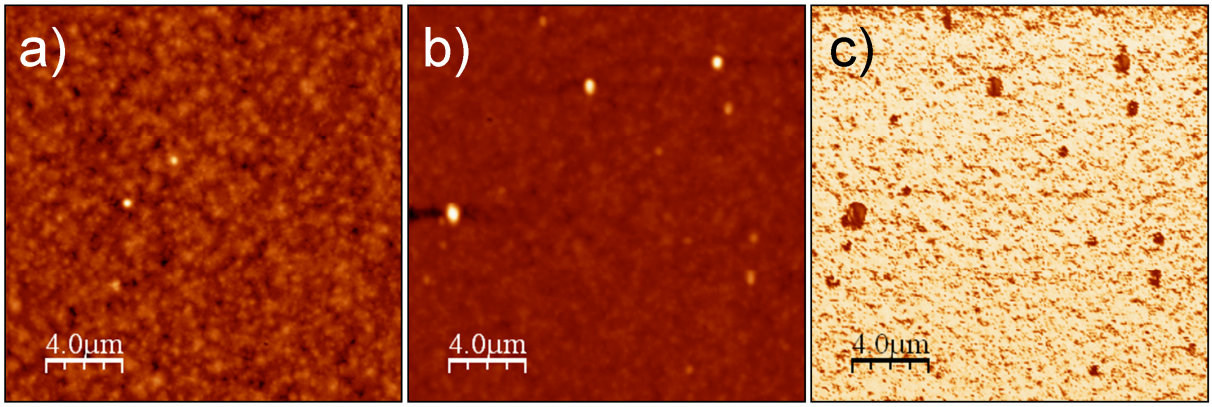

Figure S2. AFM images (20 x 20 µm) of mesoporous nanocomposite films containing graphene thermally treated 2h at 350°C. **Fig. S2a** and **S2b** are topology images and **Fig. S2c** is a phase imaging AFM picture.